DIVISION OF MINES AND GEOLOGY
JAMES F. DAVIS, STATE GEOLOGIST

STATE OF CALIFORNIA-PETE WILSON, GOVERNOR
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PITAS POINT QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 VENTURA 15' QUADRANGLE

TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1950
PHOTOREVISED 1967

SCALE 1:24,000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEAL LEVEL

MAP EXPLANATION

Active Faults

1906 C — Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Special Studies Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES
Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code
(Alquist-Priolo Special Studies Zones Act)

PITAS POINT QUADRANGLE

REVISED OFFICIAL MAP
Effective: November 1, 1991

James F. Davis — State Geologist

REFERENCES USED TO COMPILE FAULT DATA

Pitas Point Quadrangle

Geotechnical Consultants, Inc., 1969, Final report of grading control, Mobil Oil Rincon Shore Facility, County of Ventura, California; Unpublished consulting report for Mobil Oil Corporation, September 30, 1969, Job-CVB1013, on file with Ventura County Public Works Agency.

Sarna-Wojcicki, A.M., Lajoie, K.R., and Yerkes, R.F., 1987, Recurrent Holocene displacement on the Javon Canyon fault--a comparison of fault movement history with calculated average recurrence intervals: U.S. Geological Survey Professional Paper 1339, p.125-135.

Smith, T.C., 1977, Red Mountain fault: California Division of Mines and Geology Fault Evaluation Report FER-28 (unpublished).

Treiman, J.A., 1989, Javon Canyon fault, Ventura County, California: Division of Mines and Geology Fault Evaluation Report FER-213 (unpublished).

Weber, F.H. Jr., Kiessling, E.W., Sprotte, E.C., Johnson, J.A., Sherburne, R.W., and Cleveland, G.B., 1975, Seismic hazards study of Ventura County, California: California Division of Mines and Geology Open File Report 76-5, 396 p.

For additional information on faults in the map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of DMG.

IMPORTANT - PLEASE NOTE

1) *This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
4) Fault information on this map is not sufficent to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.